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(54) HOT-MELT INK COMPOSITION AND  
METHOD FOR RECORDING USING THE  
SAME

the head of a thermal jet recording device  
through an ink-feeding pipe 6, and  
subsequently subjected to the selective  
application of thermal energy with a  
heat-generating element 2. The melted ink is  
flown through an ink-extruding nozzle 1 as  
small drops to form a picture on recording  
paper.

(57) Abstract:

PURPOSE: To provide the subject ink  
composition containing a compound solid at  
ordinary temperature and having a melting  
point and a boiling point and a coloring agent  
comprising a sublimable dyestuff, in part or  
in whole not causing change in the quality of  
the dyed picture by the difference in the kind  
of paper and useful for ink jet recording, etc.

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CONSTITUTION: At least one of compounds  
(e.g. methyl sulfone) solid at ordinary  
temperature and having a melting point and a  
boiling point is compounded with a coloring  
agent comprising a sublimable dyestuff in part  
or in whole (e.g. disperse yellow) having a  
sublimation starting temperature of 3100°C to  
provide the objective hot-melt ink composition  
not causing large change in the quality of the  
printed picture by the difference in the kind  
of paper and useful for a hot-melt ink  
recording style. The ink composition is kept  
in the state melted with a heater, fed into

